

Form PTO-1449 (REV. 8-83)		US Dept. of Commerce PATENT & TRADEMARK OFFICE		ATTY DOCKET NO. 111477		APPLICATION NO. 10/014,522	
INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)				APPLICANT(S) Naotaka AKIWA			
				FILING DATE December 14, 2001		GROUP 2834	
U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	
TAN		4,516,064	05/07/85	OUDET ET AL.			
		4,907,897	03/13/90	SHIOTORI			
		5,386,161	01/31/95	SAKAMOTO			
		5,410,201	04/25/95	TANAKA ET AL.			
		5,864,192	01/26/99	NAGATE ET AL.			
		5,990,651	11/23/99	IWAZAWA ET AL.			
TAN		6,164,833	12/26/00	KAI ET AL.			
FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	
TAN		JP 56029449 (Abstract only)	03/24/81	JAPAN			
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)							
EXAMINER	NGUYEN, TRAN N				DATE CONSIDERED 8/16/03		
Examiner: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.							

Date: May 14, 2003

Sheet 1 of 1Form PTO-1009
(REV. 8-83)US Dept. of Commerce
PATENT & TRADEMARK OFFICEATTY DOCKET NO.
111477APPLICATION NO.
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INFORMATION DISCLOSURE STATEMENT

(Use several sheets if necessary)

APPLICANT
Naotaka AKIWAFILING DATE
December 14, 2001

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS
TRA	JP A 9-325197	12/16/1997	Japan	310	49R
TRA	JP A 5-221388	08/31/1993	Japan	310	49R

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)

EXAMINER

NGUYEN, TRAN N

DATE CONSIDERED

8/16/03

Examiner: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.